Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
Data File : BF127885.D
Acq On : 25 Apr 2022 17:29
Operator : CG\JU
Sample : N2474-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

Quant Time: Apr 26 05:39:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 00:43:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	168070	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	652764	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	375395	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	702705	20.000	ng	0.00
76) Chrysene-d12	14.115	240	471674	20.000	ng	-0.01
86) Perylene-d12	15.627	264	347162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1130067	107.095	ng	0.01
7) Phenol-d6	6.563	99	1330718	97.190	ng	0.00
23) Nitrobenzene-d5	7.504	82	1176198	84.732	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	491247	129.994	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1860106	83.827	ng	0.00
79) Terphenyl-d14	13.063	244	2260730	87.643	ng	0.00
Target Compounds						Qvalue
77) Benzidine	12.810	184	82367	9.229	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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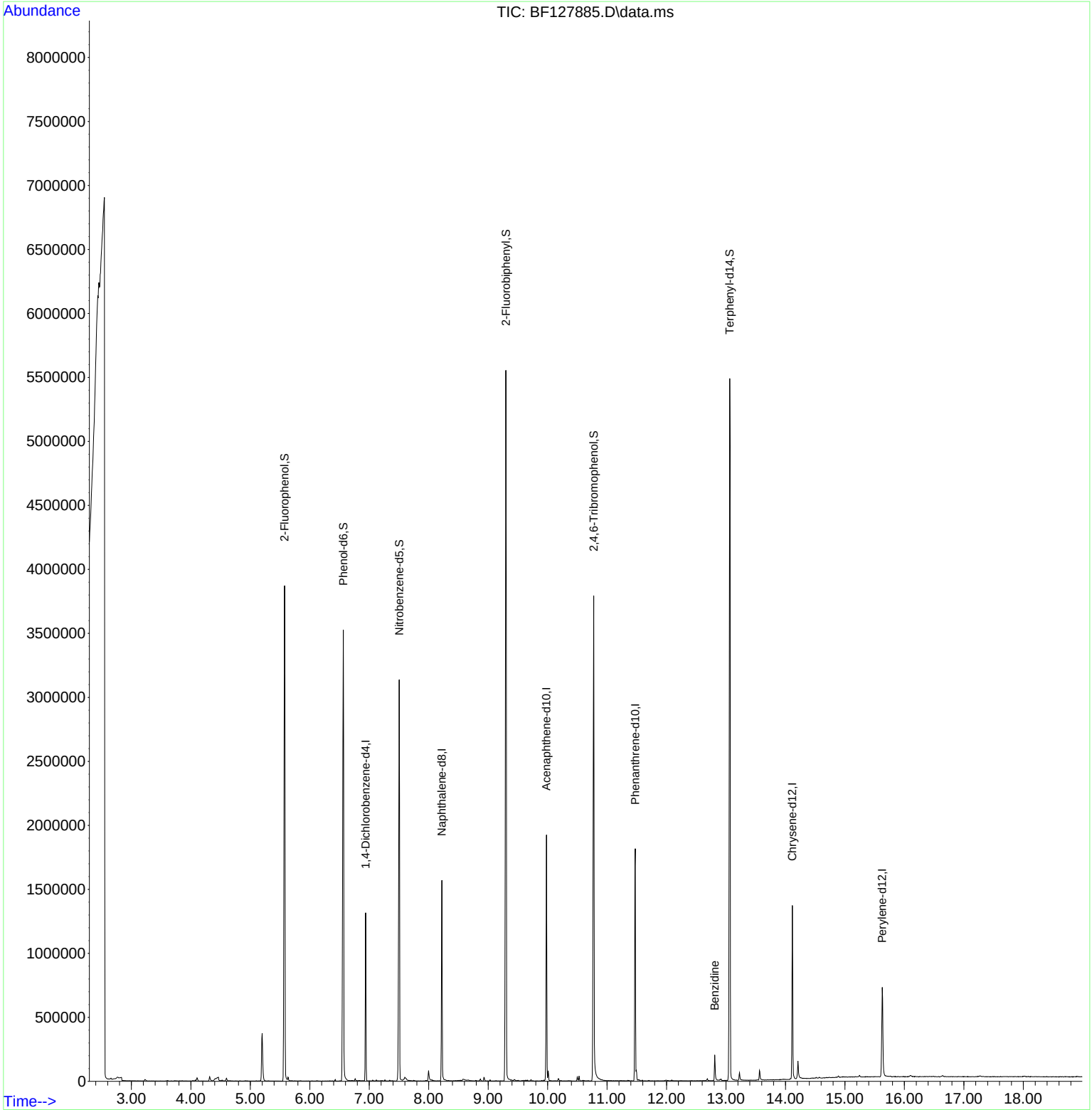
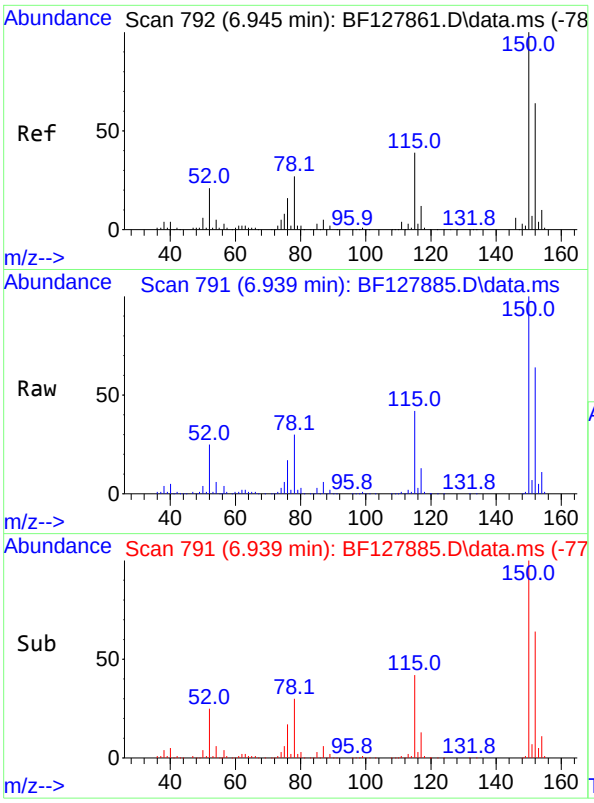


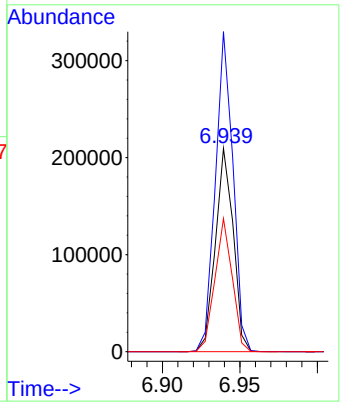


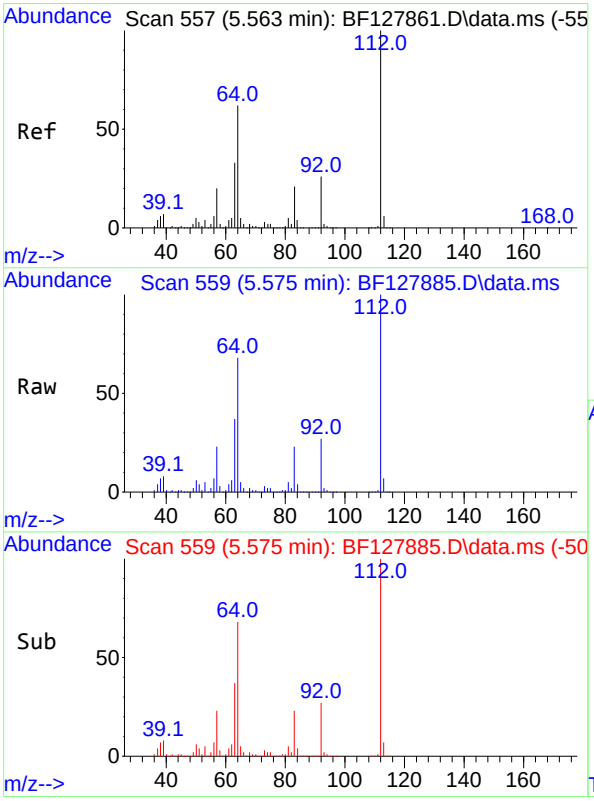
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

Tgt Ion:152 Resp: 168070

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.3	187.9
115	65.5	48.8	73.2

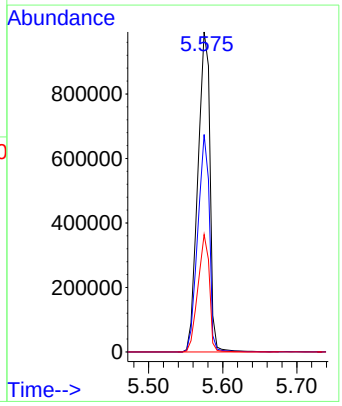


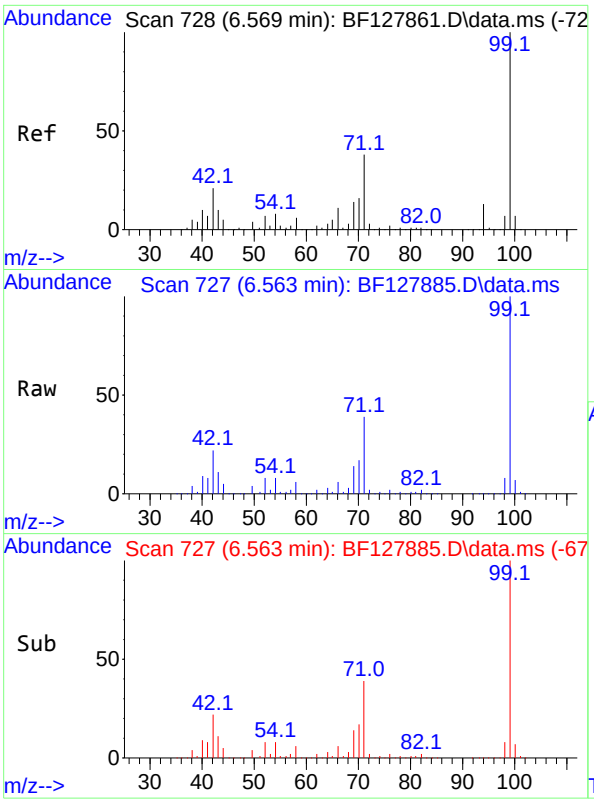


#5
2-Fluorophenol
Concen: 107.095 ng
RT: 5.575 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion:112 Resp: 1130067

Ion	Ratio	Lower	Upper
112	100		
64	67.9	49.5	74.3
63	36.7	26.3	39.5



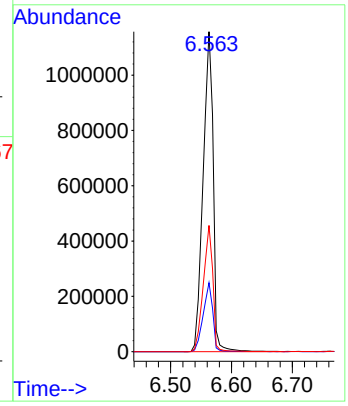


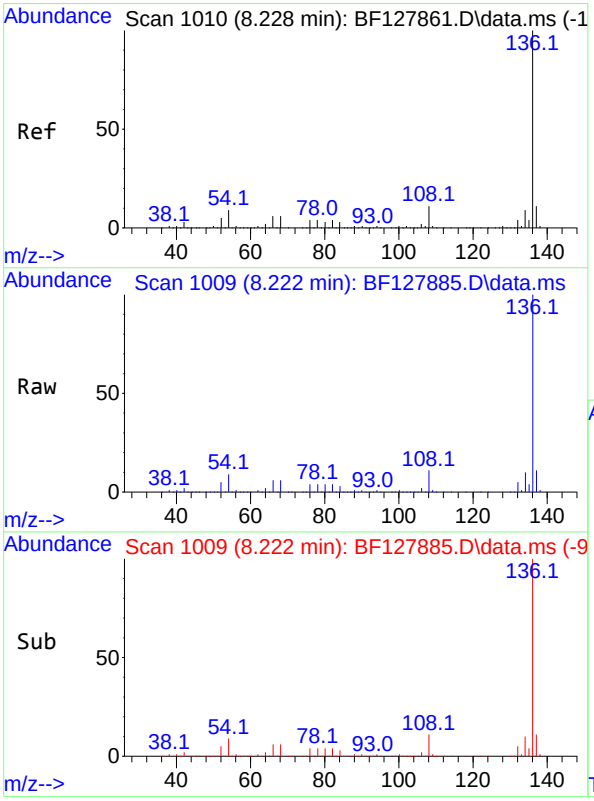
#7
Phenol-d6
Concen: 97.190 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

Tgt Ion: 99 Resp: 1330718

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.6	24.8
71	39.5	30.0	45.0

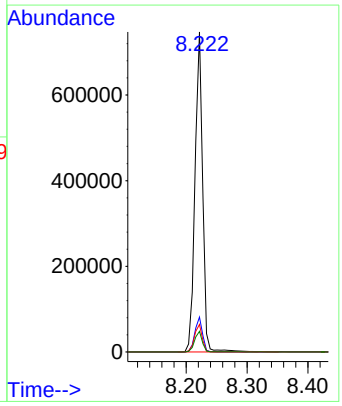


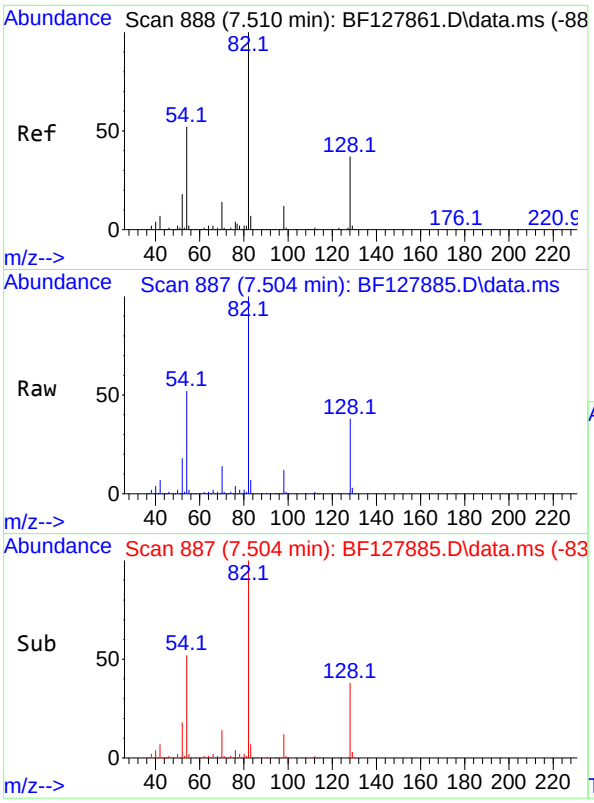


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion:136 Resp: 652764

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	6.8	10.2
68	6.4	5.1	7.7



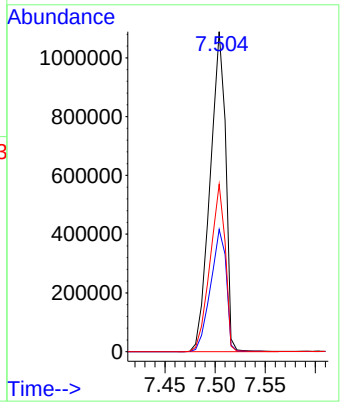


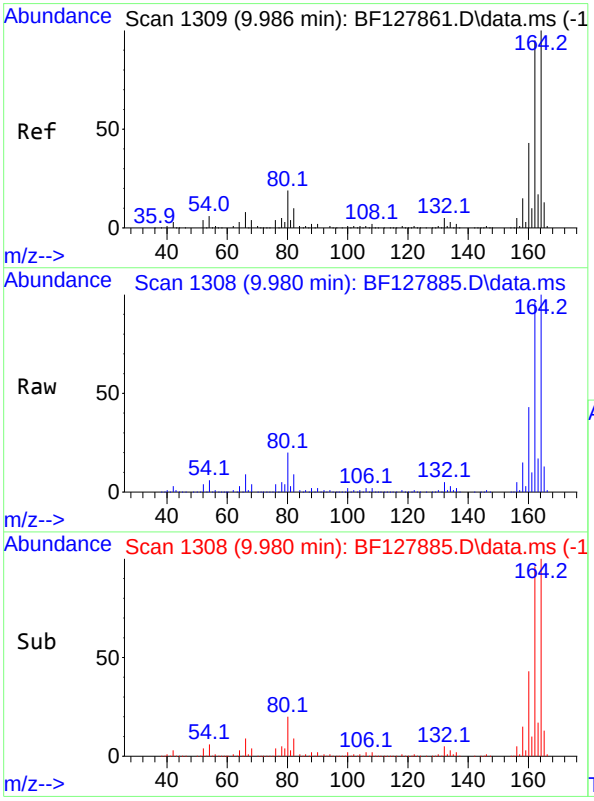
#23
Nitrobenzene-d5
Concen: 84.732 ng
RT: 7.504 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

Tgt Ion: 82 Resp: 1176198

Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.0	45.0
54	52.3	41.3	61.9

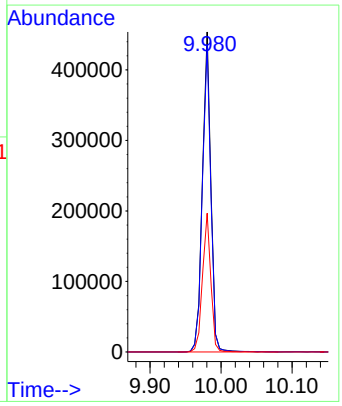


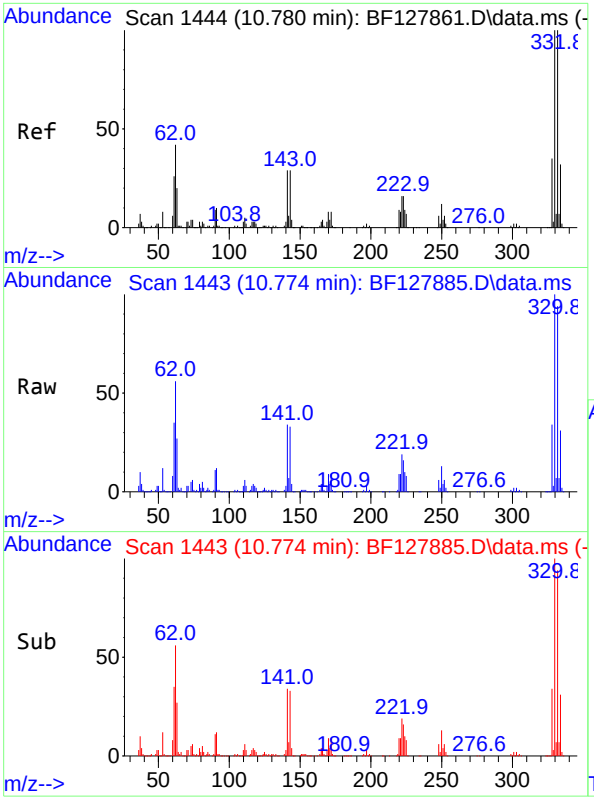


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion:164 Resp: 375395

Ion	Ratio	Lower	Upper
164	100		
162	95.8	76.0	114.0
160	43.4	34.8	52.2



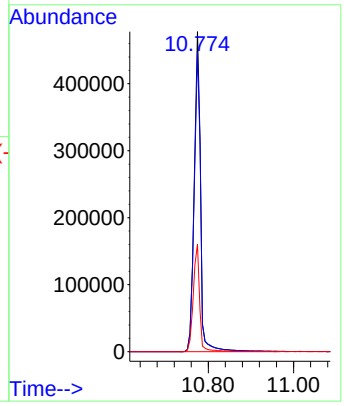


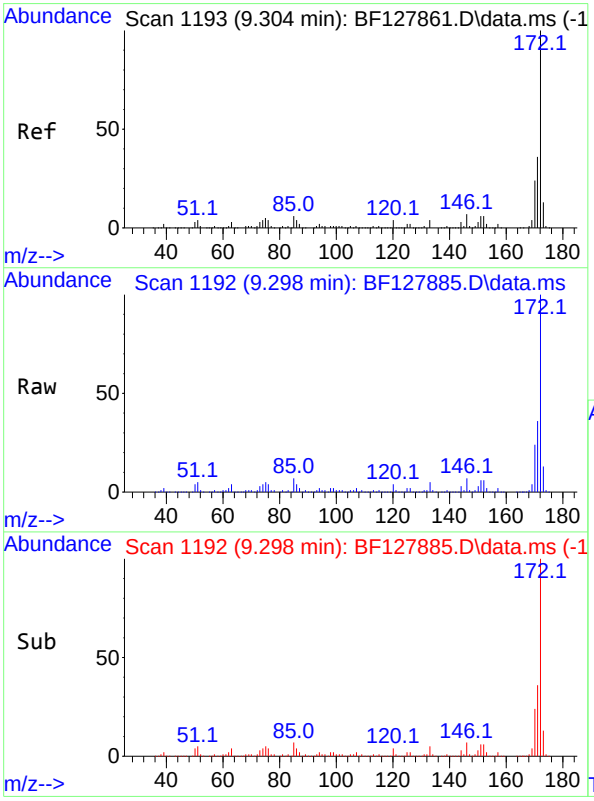
#42
2,4,6-Tribromophenol
Concen: 129.994 ng
RT: 10.774 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

Tgt Ion:330 Resp: 491247

Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.0	118.4
141	33.7	28.9	43.3

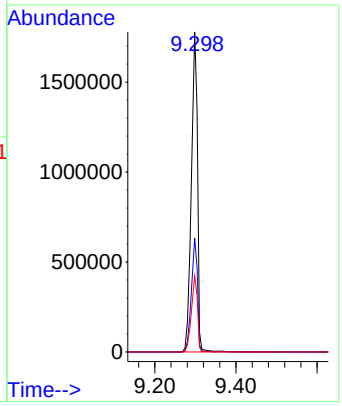


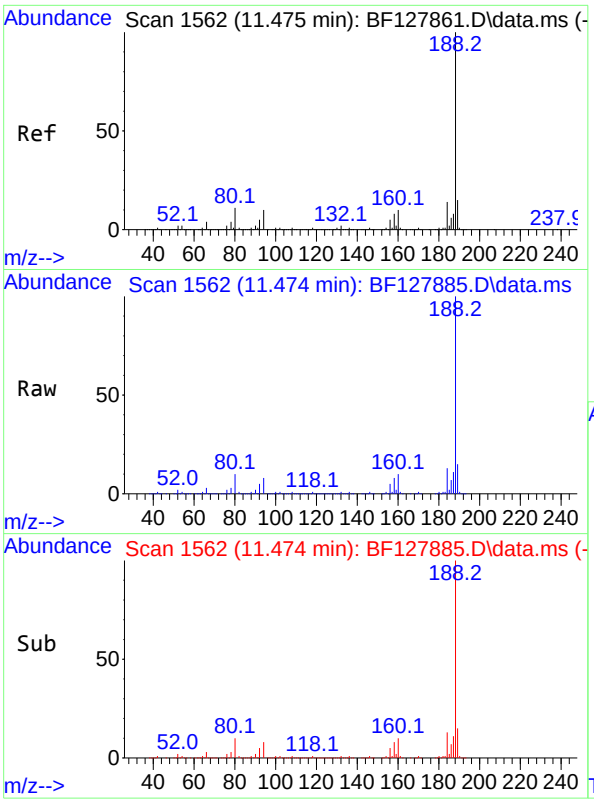


#45
2-Fluorobiphenyl
Concen: 83.827 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion:172 Resp: 1860106

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.7	19.1	28.7



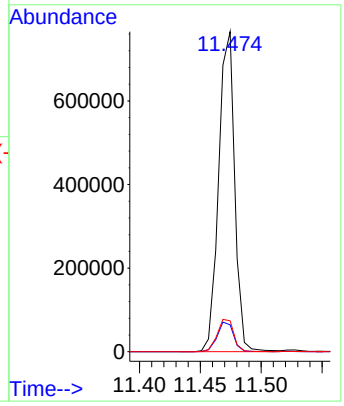


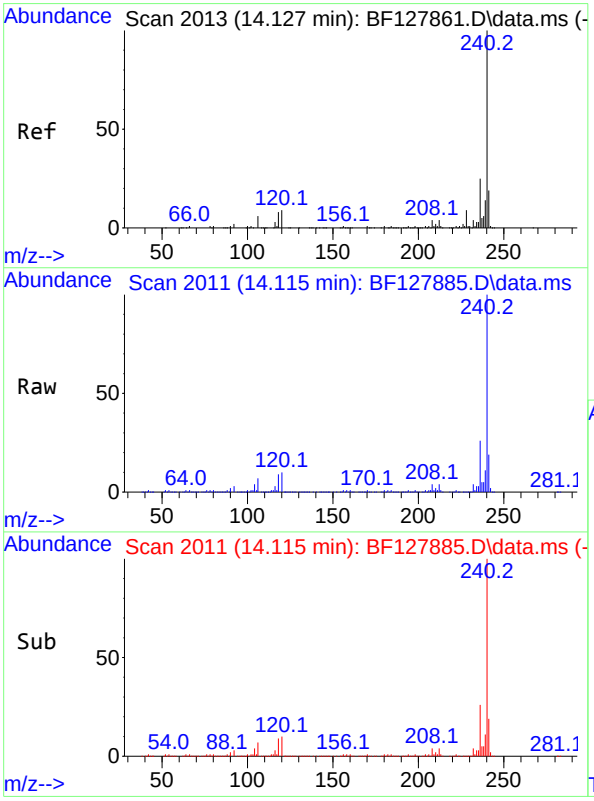
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

Tgt Ion:188 Resp: 702705

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.0	12.0
80	9.7	8.9	13.3

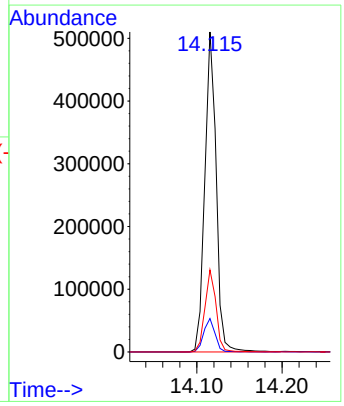


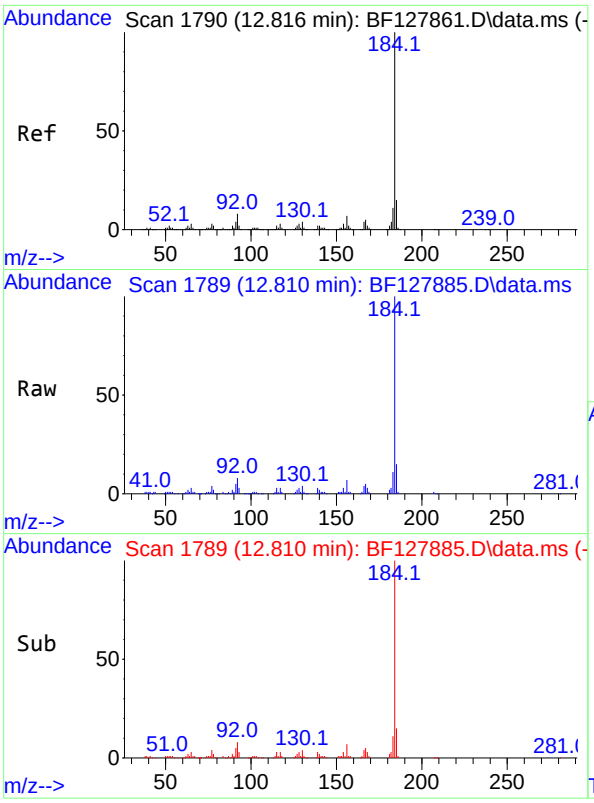


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion:240 Resp: 471674

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.0	10.6
236	25.6	20.3	30.5



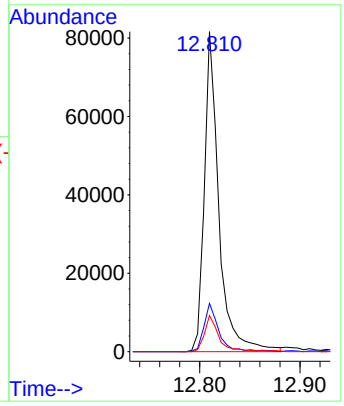


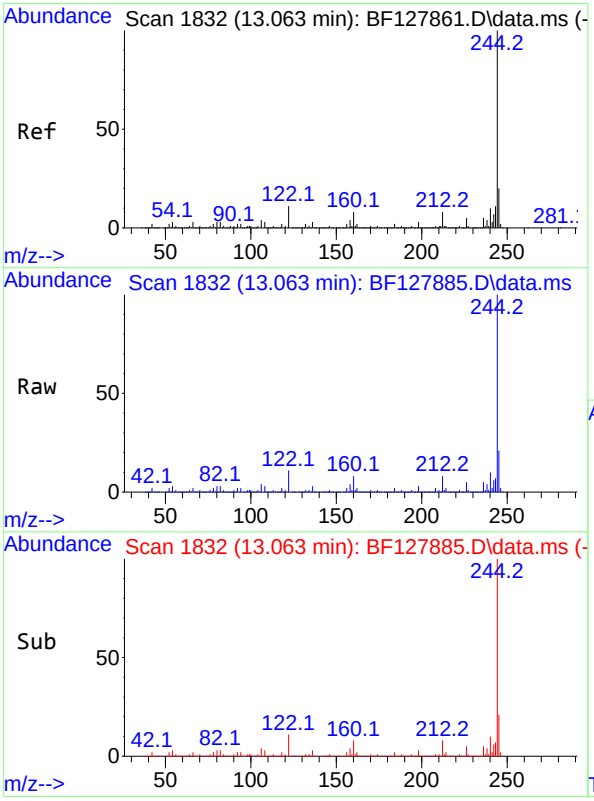
#77
Benzidine
Concen: 9.229 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

Tgt Ion:184 Resp: 82367

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.1	18.1
183	11.3	9.0	13.4

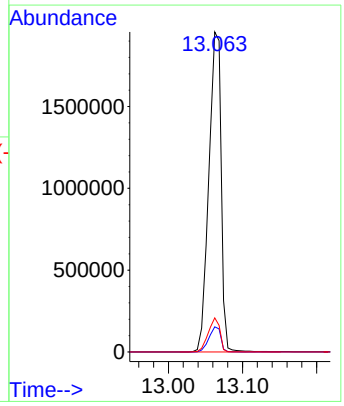


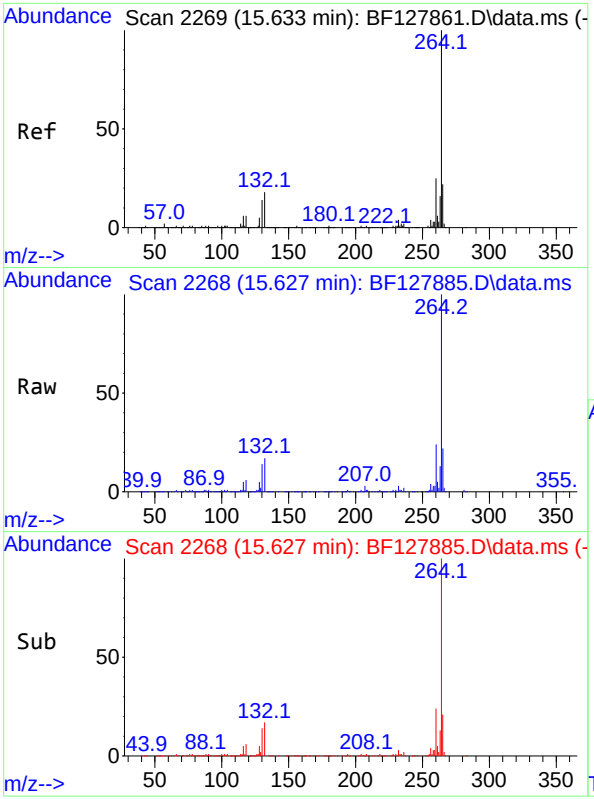


#79
Terphenyl-d14
Concen: 87.643 ng
RT: 13.063 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion:244 Resp: 2260730

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.4
122	10.7	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

Tgt Ion:264 Resp: 347162

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	21.5	17.5	26.3